

RAW SEQUENCE-LISTING
PATENT APPLICATION US/09/218,143DATE: 01/06/2001
TIME: 05:09:32

INPUT SET: S36267.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: IMLER, Jean-Luc
MEHTALI, Majid
PAVIRANI, Andrea

(ii) TITLE OF INVENTION: DEFECTIVE ADENOVIRUSES AND CORRESPONDING
COMPLEMENTATION LINES

(iii) NUMBER OF SEQUENCES: 43

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
(B) STREET: 1737 King Street, Suite 500
(C) CITY: Alexandria
(D) STATE: Virginia
(E) COUNTRY: United States
(F) ZIP: 22314-2756

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/218,143
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/379,452
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: FR 93 06482
(B) FILING DATE: 28-MAY-1993

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Dadio, Susan M.
(B) REGISTRATION NUMBER: 40,373
(C) REFERENCE/DOCKET NUMBER: 029395-002

(2) INFORMATION FOR SEQ ID NO: 1:

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/218,143DATE: 01/06/2001
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47.
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 30 base pairs
50 (B) TYPE: nucleic acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (ii) MOLECULE TYPE: DNA (genomic)
55
56 (iii) HYPOTHETICAL: NO
57
58 (iii) ANTI-SENSE: NO
59
60 (vi) ORIGINAL SOURCE:
61 (A) ORGANISM: Synthetic oligonucleotide (OTG4174)
62
63

64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

65
66 GTGACGTCTT TGGTGTTC GCGGAAAAC

30

67
68
69
70 (2) INFORMATION FOR SEQ ID NO: 2:

71
72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 30 base pairs
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear
77
78 (ii) MOLECULE TYPE: DNA (genomic)
79
80 (iii) HYPOTHETICAL: NO
81
82 (iii) ANTI-SENSE: NO
83
84 (vi) ORIGINAL SOURCE:
85 (A) ORGANISM: Synthetic oligonucleotide (OTG4173)
86
87

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

89
90 ACCGAGTAAG ATTTGTCTAG GGCCGCGGGG

30

91
92
93
94 (2) INFORMATION FOR SEQ ID NO: 3:

95
96 (i) SEQUENCE CHARACTERISTICS:
97 (A) LENGTH: 33 base pairs
98 (B) TYPE: nucleic acid
99 (C) STRANDEDNESS: single

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100 (D) TOPOLOGY: linear
101
102 (ii) MOLECULE TYPE: DNA (genomic)
103
104 (iii) HYPOTHETICAL: NO
105
106 (iii) ANTI-SENSE: NO
107
108 (vi) ORIGINAL SOURCE:
109 (A) ORGANISM: Synthetic oligonucleotide (OTG4191)
110
111
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
113
114 GGCCATGGTC GCGGGAAAGG GACTTTGACC GTT 33
115
116
117
118 (2) INFORMATION FOR SEQ ID NO: 4:
119
120 (i) SEQUENCE CHARACTERISTICS:
121 (A) LENGTH: 31 base pairs
122 (B) TYPE: nucleic acid
123 (C) STRANDEDNESS: single
124 (D) TOPOLOGY: linear
125
126 (ii) MOLECULE TYPE: DNA (genomic)
127
128 (iii) HYPOTHETICAL: NO
129
130 (iii) ANTI-SENSE: NO
131
132 (vi) ORIGINAL SOURCE:
133 (A) ORGANISM: Synthetic oligonucleotide (OTG5021)
134
135
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
137
138 GAACGGATCC CCAGACTCTG TTTGGATTG G 31
139
140
141
142 (2) INFORMATION FOR SEQ ID NO: 5:
143
144 (i) SEQUENCE CHARACTERISTICS:
145 (A) LENGTH: 30 base pairs
146 (B) TYPE: nucleic acid
147 (C) STRANDEDNESS: single
148 (D) TOPOLOGY: linear
149
150 (ii) MOLECULE TYPE: DNA (genomic)
151
152 (iii) HYPOTHETICAL: NO

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153
154 (iii) ANTI-SENSE: YES
155
156 (vi) ORIGINAL SOURCE:
157 (A) ORGANISM: Synthetic oligonucleotide (OTG5157)
158
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
161
162 CCAGAAATAT CTTGCCCAG GCCGCCGCC 30
163
164
165
166 (2) INFORMATION FOR SEQ ID NO: 6:
167
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 20 base pairs
170 (B) TYPE: nucleic acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: linear
173
174 (ii) MOLECULE TYPE: DNA (genomic)
175
176 (iii) HYPOTHETICAL: NO
177
178 (iii) ANTI-SENSE: NO
179
180 (vi) ORIGINAL SOURCE:
181 (A) ORGANISM: Synthetic oligonucleotide (OTG5564)
182
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
185
186 GATCCGATAT CCCGTTAAC 20
187
188
189
190 (2) INFORMATION FOR SEQ ID NO: 7:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 20 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: DNA (genomic)
199
200 (iii) HYPOTHETICAL: NO
201
202 (iii) ANTI-SENSE: YES
203
204 (vi) ORIGINAL SOURCE:
205 (A) ORGANISM: Synthetic oligonucleotide (OTG5565)

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206
207
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
209
210 GATCGGTTAA CGGGATATCG 20
211
212
213
214 (2) INFORMATION FOR SEQ ID NO: 8:
215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 47 base pairs
218 (B) TYPE: nucleic acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: linear
221
222 (ii) MOLECULE TYPE: DNA (genomic)
223
224 (iii) HYPOTHETICAL: NO
225
226 (iii) ANTI-SENSE: NO
227
228 (vi) ORIGINAL SOURCE:
229 (A) ORGANISM: Synthetic oligonucleotide (OTG5892)
230
231
232 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
233
234
235 GTCGTAGGAT CCAGCTGCTC CCTGCTTGTG TGTGGAGGT CGCTGAG 47
236
237
238
239 (2) INFORMATION FOR SEQ ID NO: 9:
240
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 47 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
246
247 (ii) MOLECULE TYPE: DNA (genomic)
248
249 (iii) HYPOTHETICAL: NO
250
251 (iii) ANTI-SENSE: YES
252
253 (vi) ORIGINAL SOURCE:
254 (A) ORGANISM: Synthetic oligonucleotide (OTG5893)
255
256
257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/218,143

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Line

Error

Original Text

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/218,143

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<< THERE ARE NO ITEMS MISSING >>

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/218,143DATE: 01/06/2001
TIME: 05:09:34

INPUT SET: S36267.raw

Line	Original Text	Corrected Text
58	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
82	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
106	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
130	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
154	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
178	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
202	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
226	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
251	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
275	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
297	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
321	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
345	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
369	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
393	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
417	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
441	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
465	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
489	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
513	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
537	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
560	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
584	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
608	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
632	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
656	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
680	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
704	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
728	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
752	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
776	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
800	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
824	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
848	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
872	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
896	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
920	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
944	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
967	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES
991	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
1015	(iii) ANTISENSE: NO	(iii) ANTI-SENSE: NO
1039	(iii) ANTISENSE: YES	(iii) ANTI-SENSE: YES